

## ABSTRACT OF THE DISCLOSURE

The present invention discloses a composition and method of providing ionic forms or compounds of any combination of three metals to produce a product that can be used as a antimicrobial as defined by the U.S. Environmental Protection Agency (EPA) such as a hard surface disinfectant and as a foliar spray or water treatment for the control of various diseases in garden row, field and tree crops, on hard surface areas such as equipment from infected fields or in hospitals, homes, etc. as well as against a wide range of human, plant and animal diseases. Additionally, the composition of the present invention is able to be used to coat and otherwise treat and disinfect food products such as but not limited to fish and shellfish, meat, milk, poultry, eggs and irrigated crops (both food and nonfood crops) as well as non food products as defined in the EPA exemption from tolerance for copper and copper products. The composition may include inerts such as surfactants, detergents and buffers to adjust the pH. The composition remains soluble in water and is useful efficacious against the spread of bacteria, viruses and fungi and other pathogens within a source of water such as a reservoir or pool. Alternatively, the composition may be in aerosolized, misted, vaporized, fogged, humidified forms to produce micronized particles which are able to remain in suspension in the air for long periods of time in order to act on air-borne fungal spores and/or pathogens.